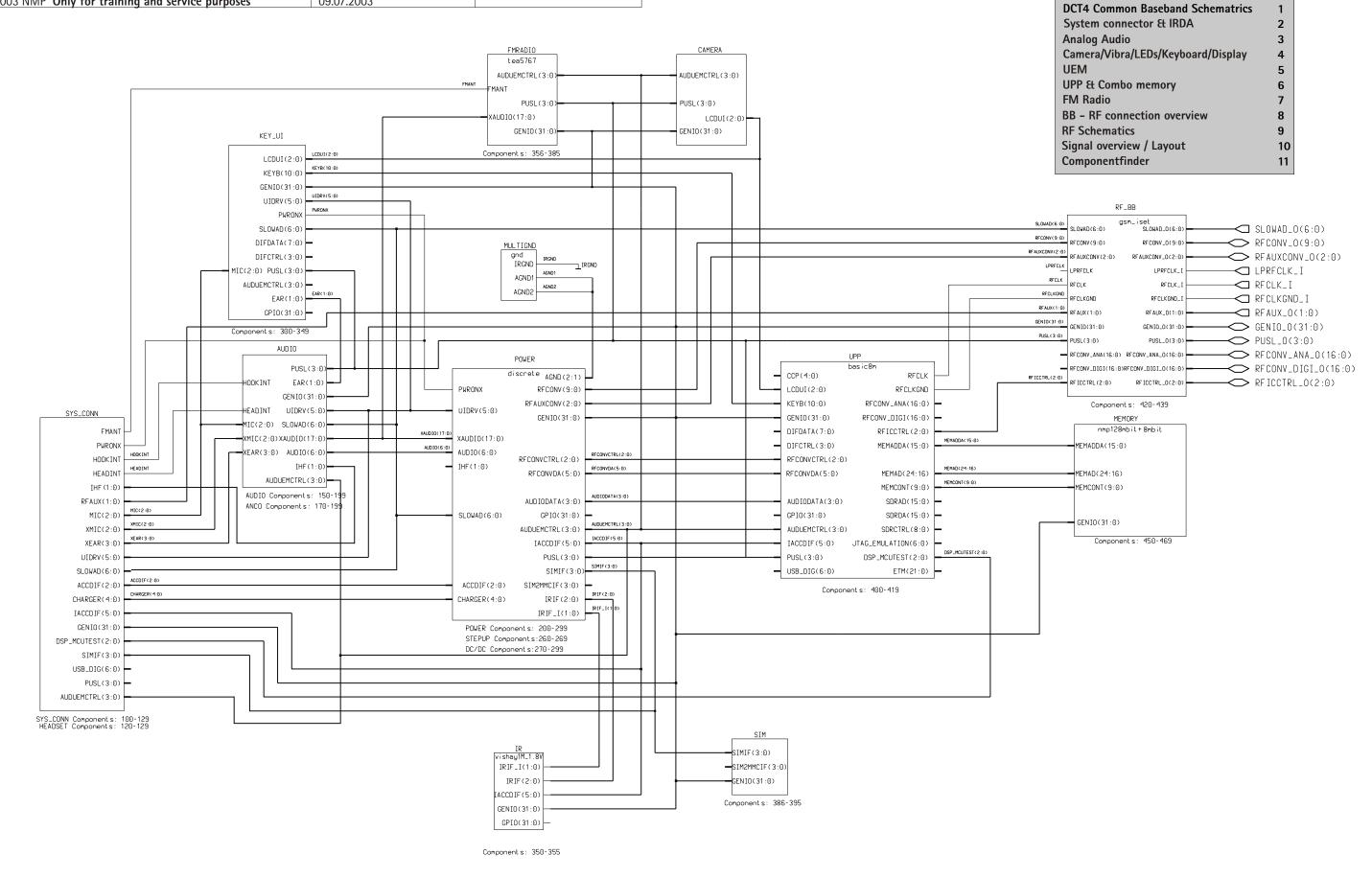
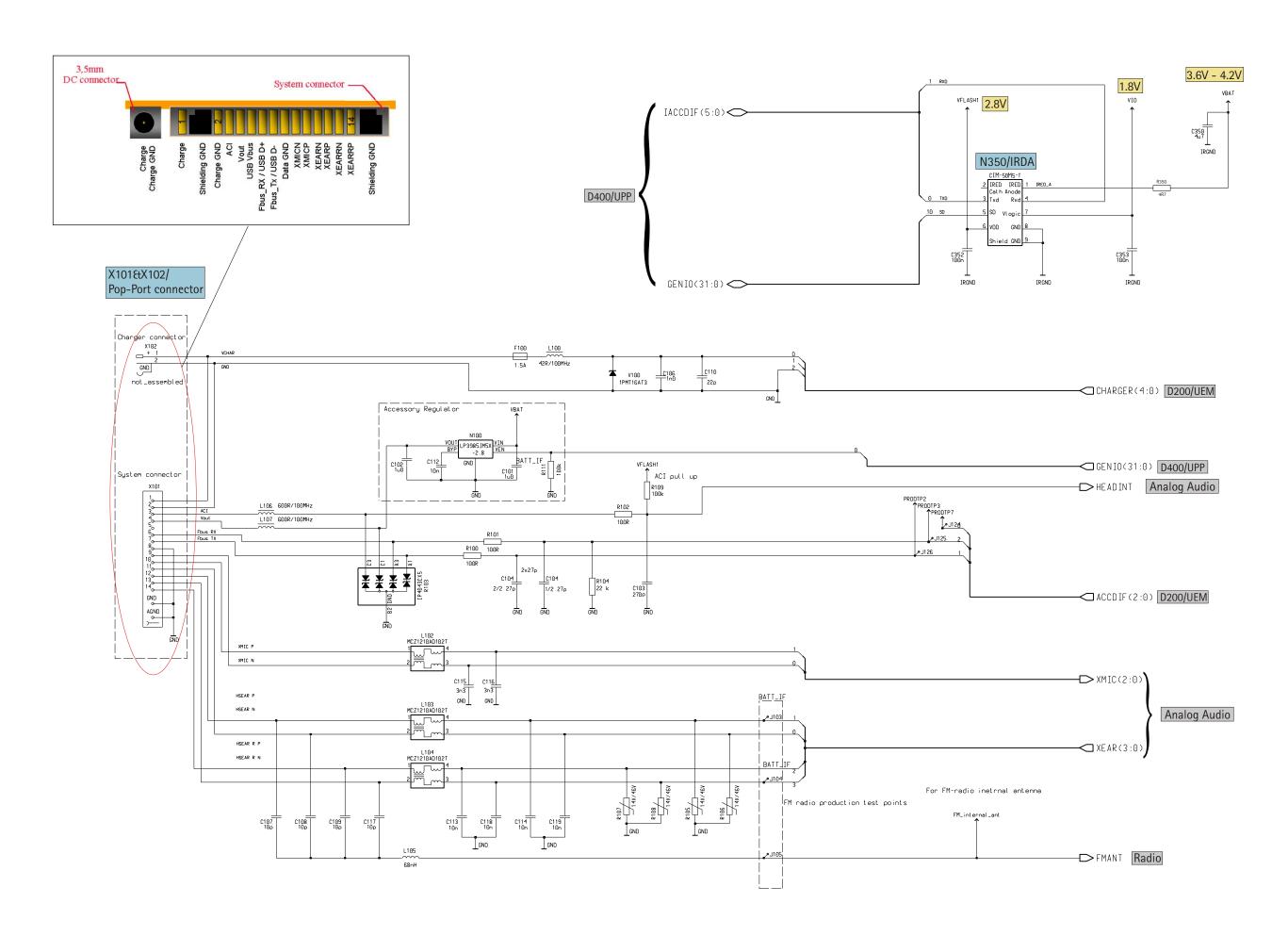
NOKIA	COMPANY CONFIDENTIAL		1(11)
Customer Care Europe, Middle East & Africa	DCT4 Common Baseband	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003	-	



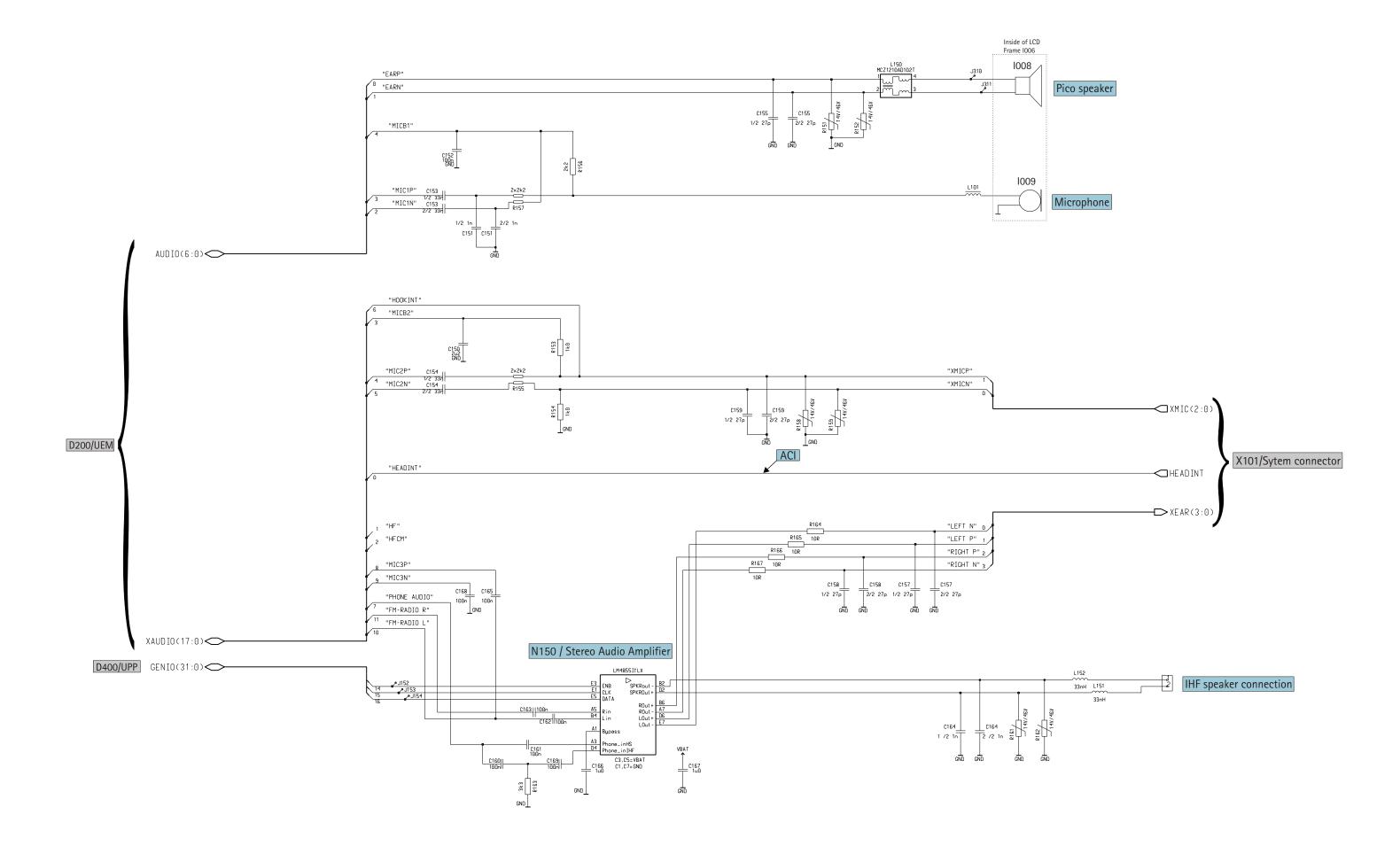
**Table of Contents** 

Page

NOKIA	COMPANY CONFIDENTIAL		2(11)
Customer Care Europe, Middle East & Africa	System connector & IRDA	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
©2003 NMP Only for training and service purposes	09.07.2003		



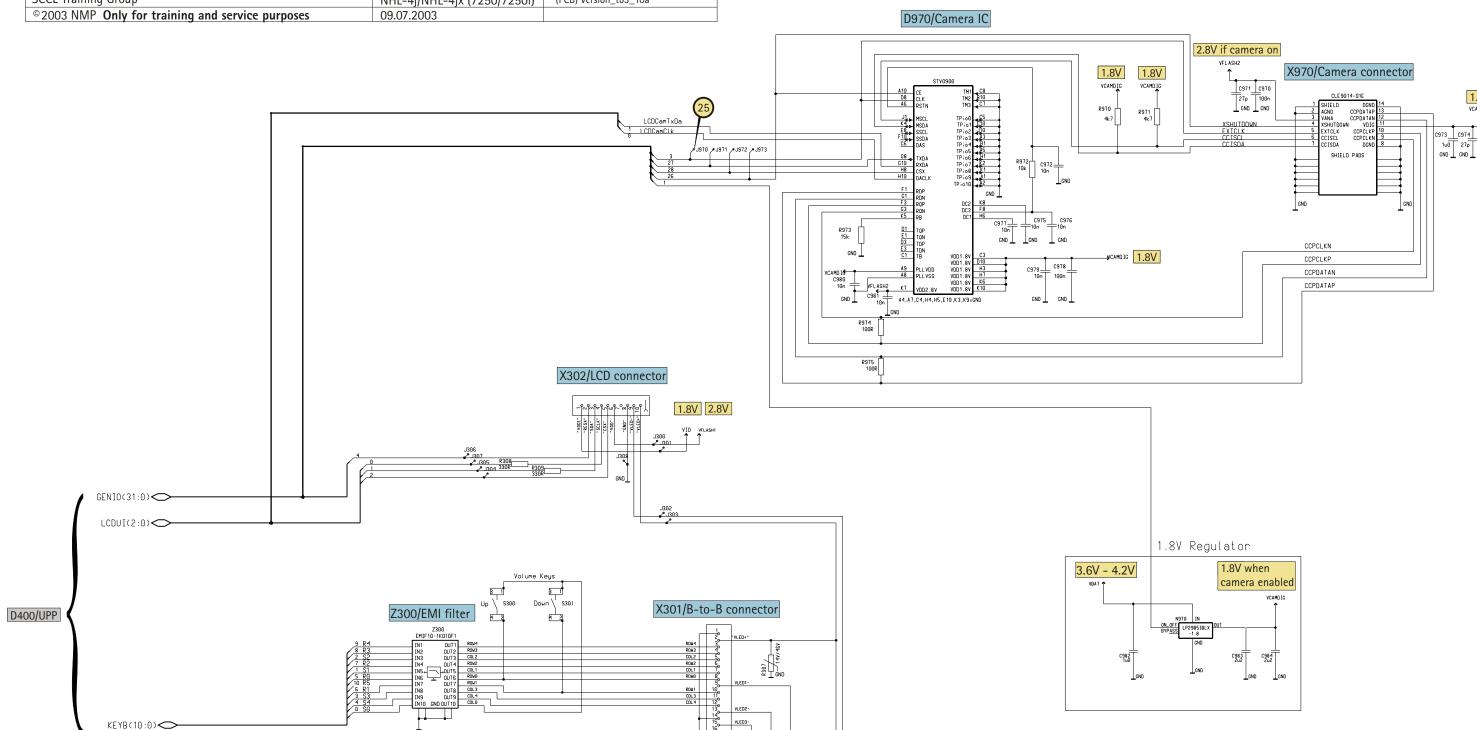
NOKIA	COMPANY CONFIDENTIAL		3(11)
Customer Care Europe, Middle East & Africa	Analog Audio	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		



NOKIA	COMPANY CONFIDENTIAL		4(11)
Customer Care Europe, Middle East & Africa	Camera/LEDs/Keyboard/Display	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service nurnoses	09 07 2003		

D200/UEM

UIDRV(5:0) ▶



R301 220R GND

N300/White LED driver

3.6V - 4.2V

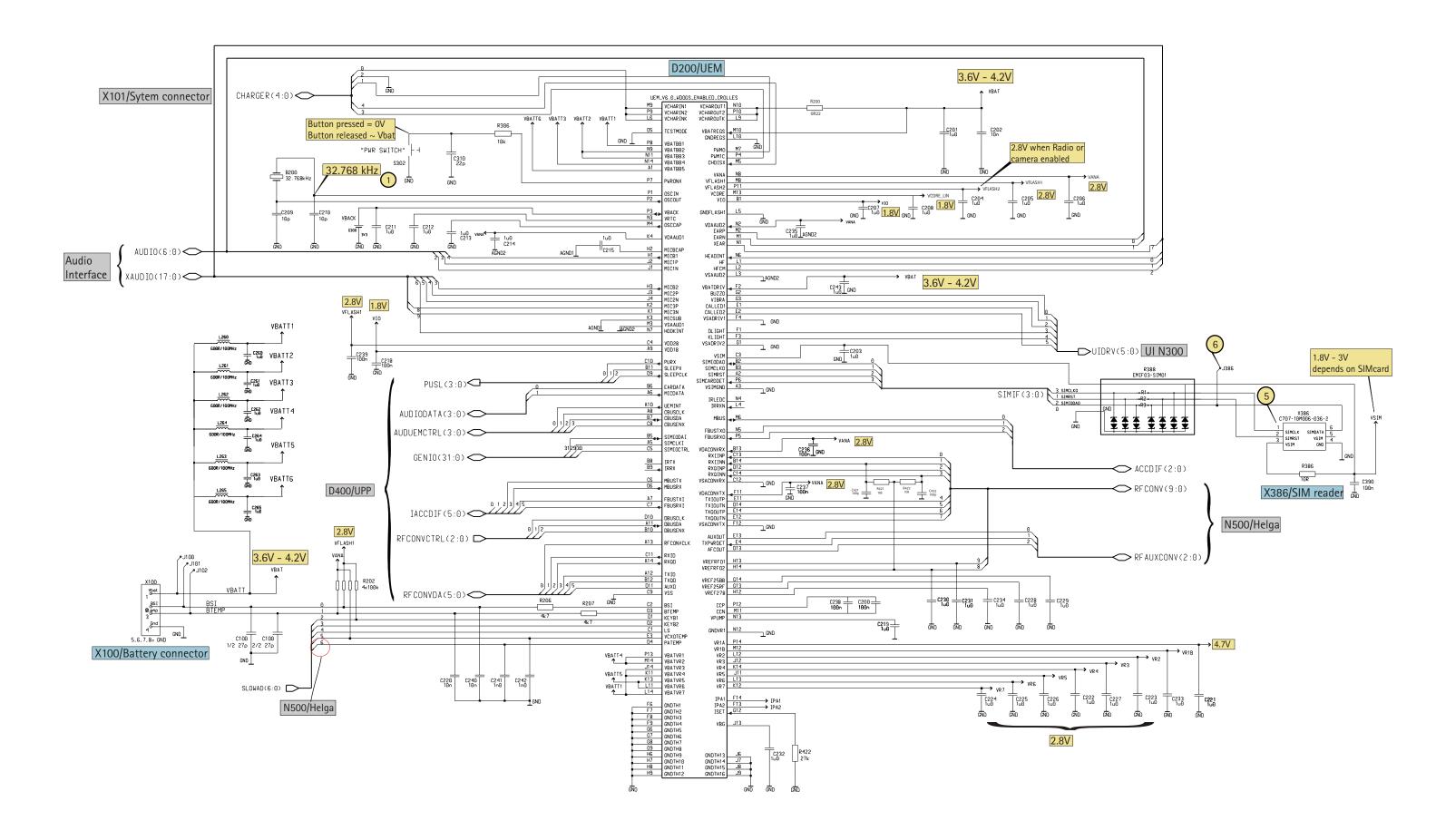
22uH RB521S-30TE6

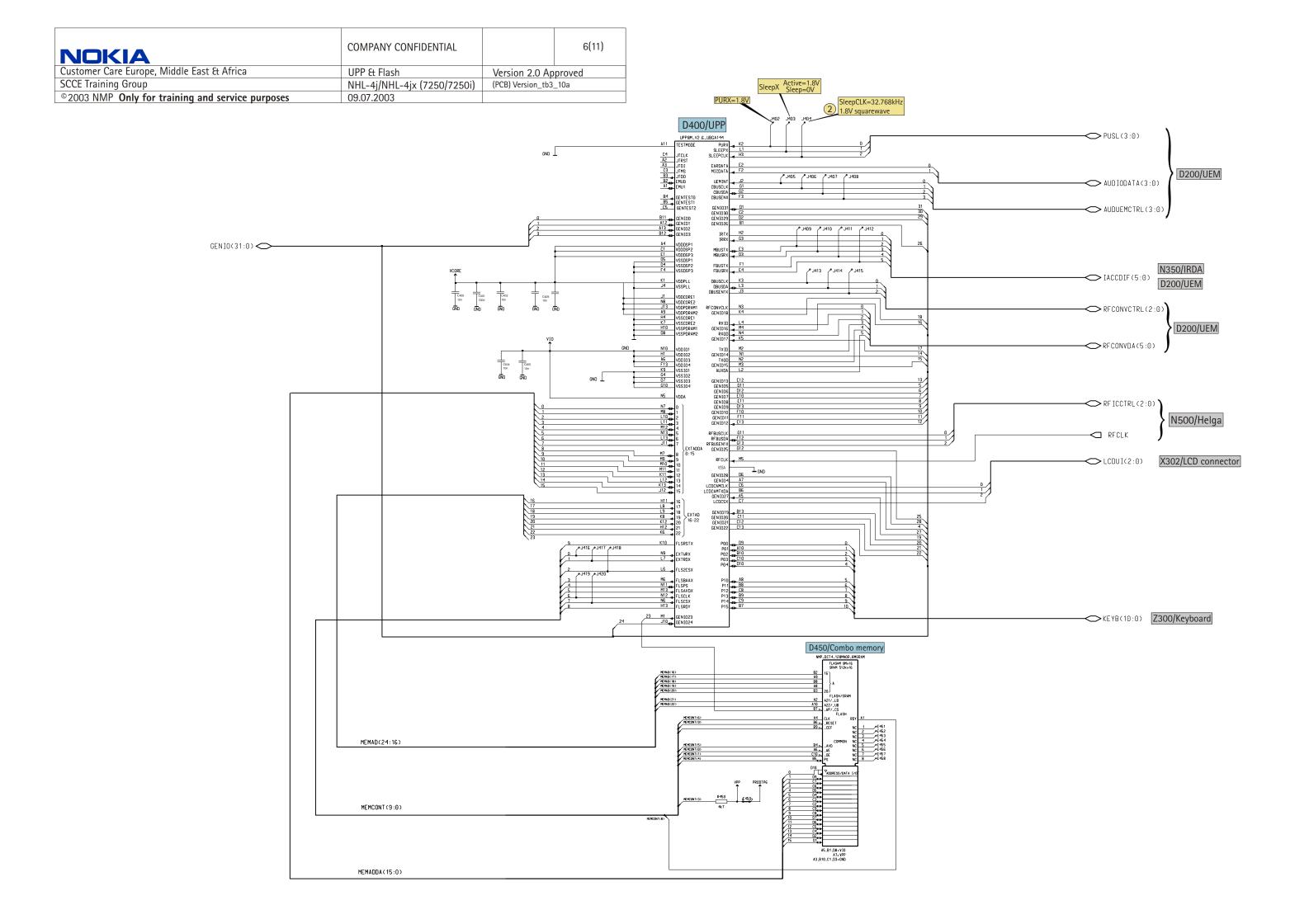
for display/keyboard

M300/Vibra

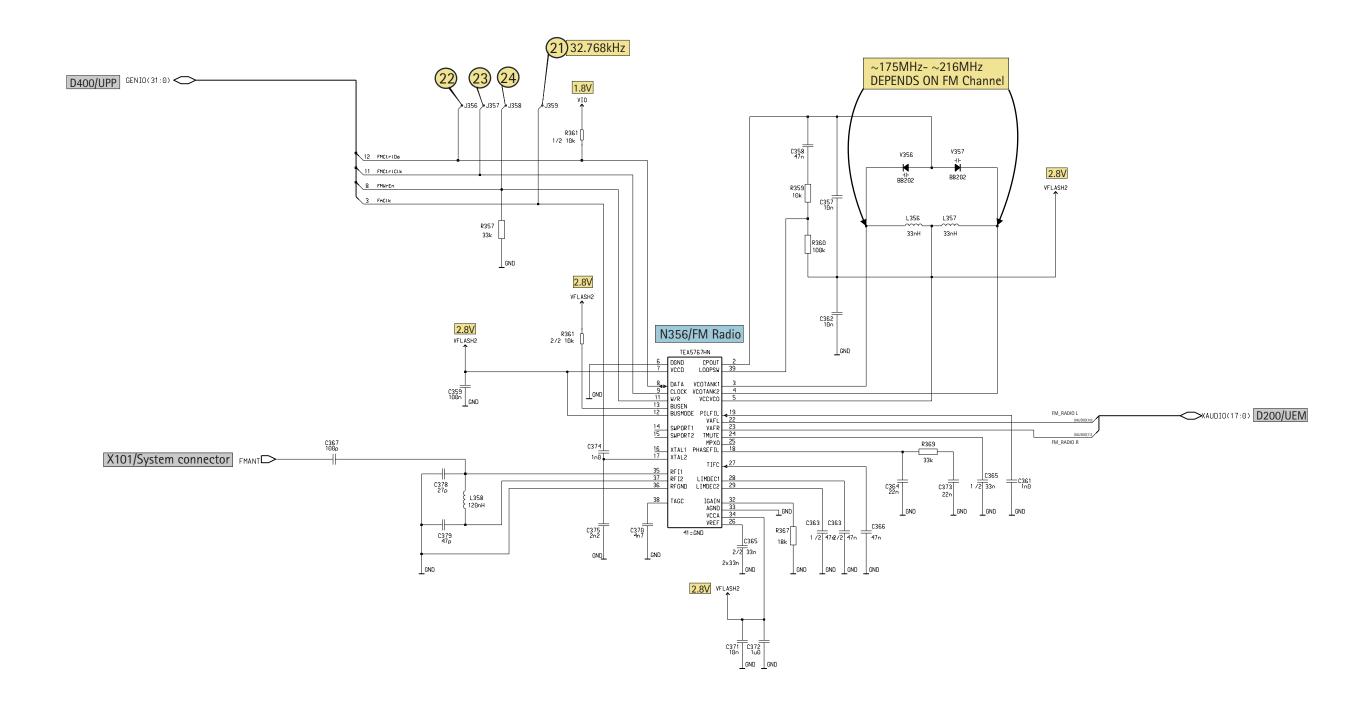
not\_assembled

NOKIA	COMPANY CONFIDENTIAL		5(11)
Customer Care Europe, Middle East & Africa	UEM	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		

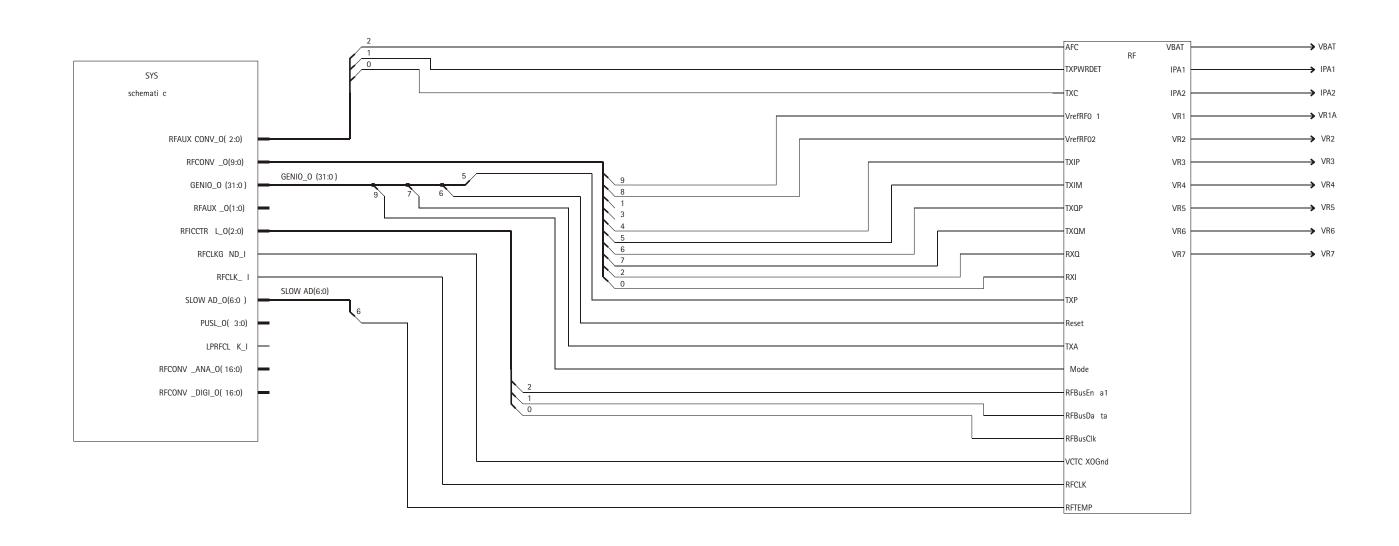




NOKIA	COMPANY CONFIDENTIAL		7(11)
Customer Care Europe, Middle East & Africa	FM Radio	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		

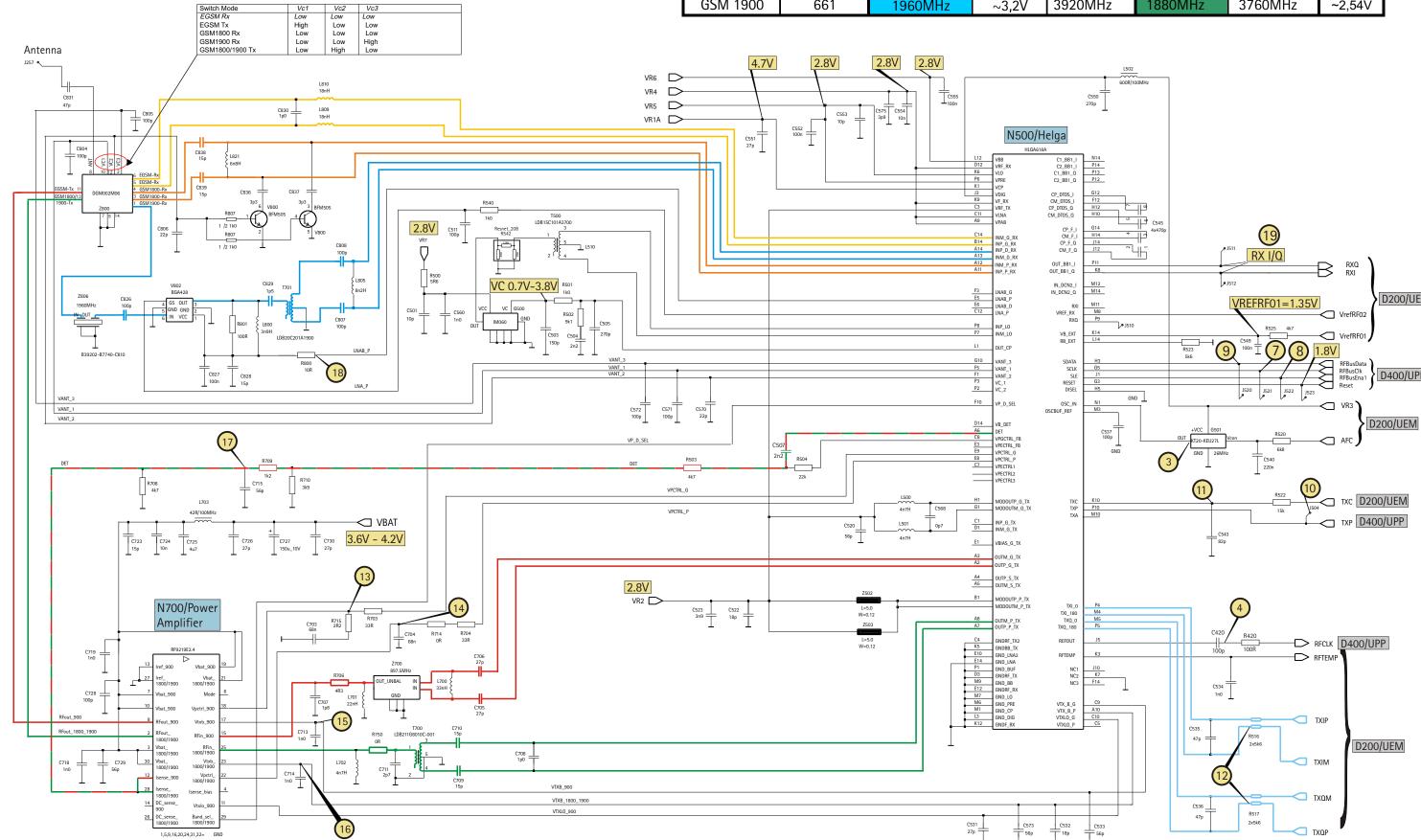


NOKIA	COMPANY CONFIDENTIAL		8(11)
Customer Care Europe, Middle East & Africa	BB - RF connection overview	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		

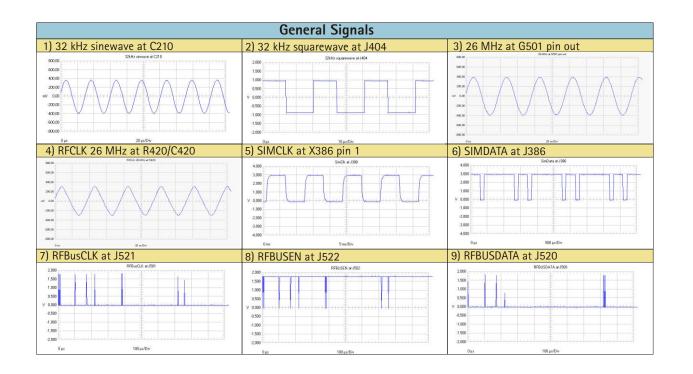


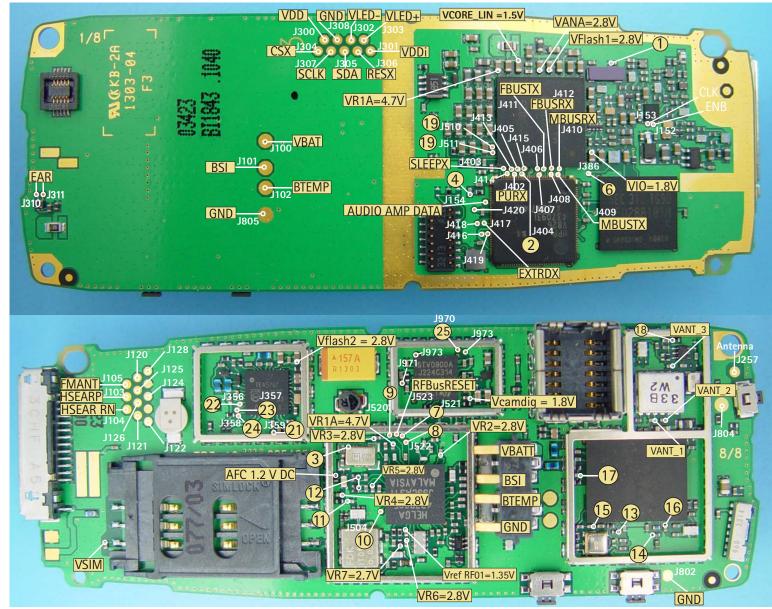
NOKIA	COMPANY CONFIDENTIAL		9(11)
Customer Care Europe, Middle East & Africa	RF Schematics	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		

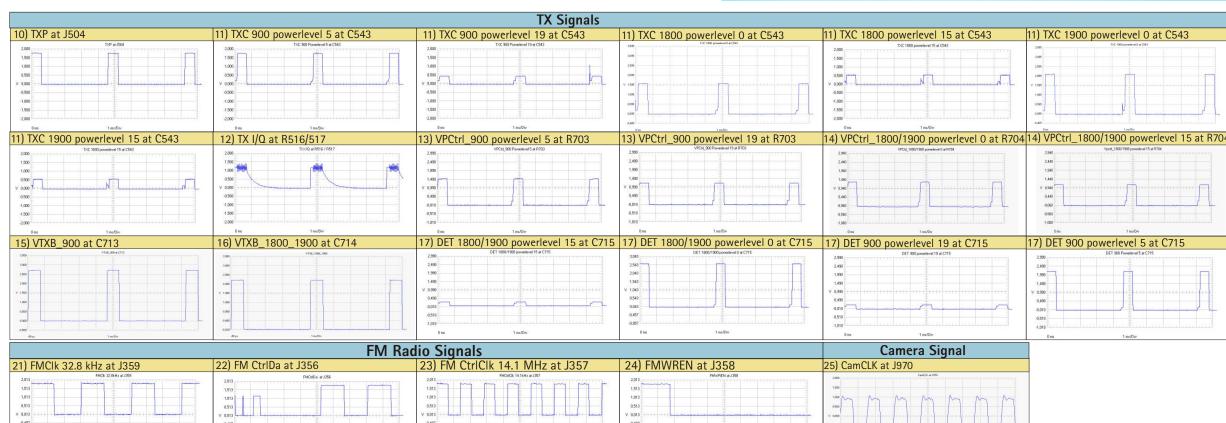
Band	Channel	RX	VC/RX	VCO/RX	TX	VCO/TX	VC/TX
GSM 900	37	942,4MHz	~2,58V	3769,6MHz	897,4MHz	3589,6MHz	~1,8V
GSM 1800	700	1842,8MHz	~2,2V	3685,6MHz	1747,8Mhz	3495,6MHz	~1,4V
GSM 1900	661	1960MHz	~3,2V	3920MHz	1880MHz	3760MHz	~2,54V

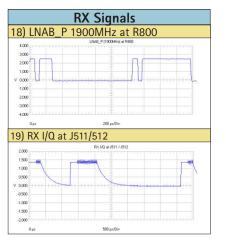


NOKIA	COMPANY CONFIDENTIAL		10(11)
Customer Care Europe, Middle East & Africa	Signal overview / Layout	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		

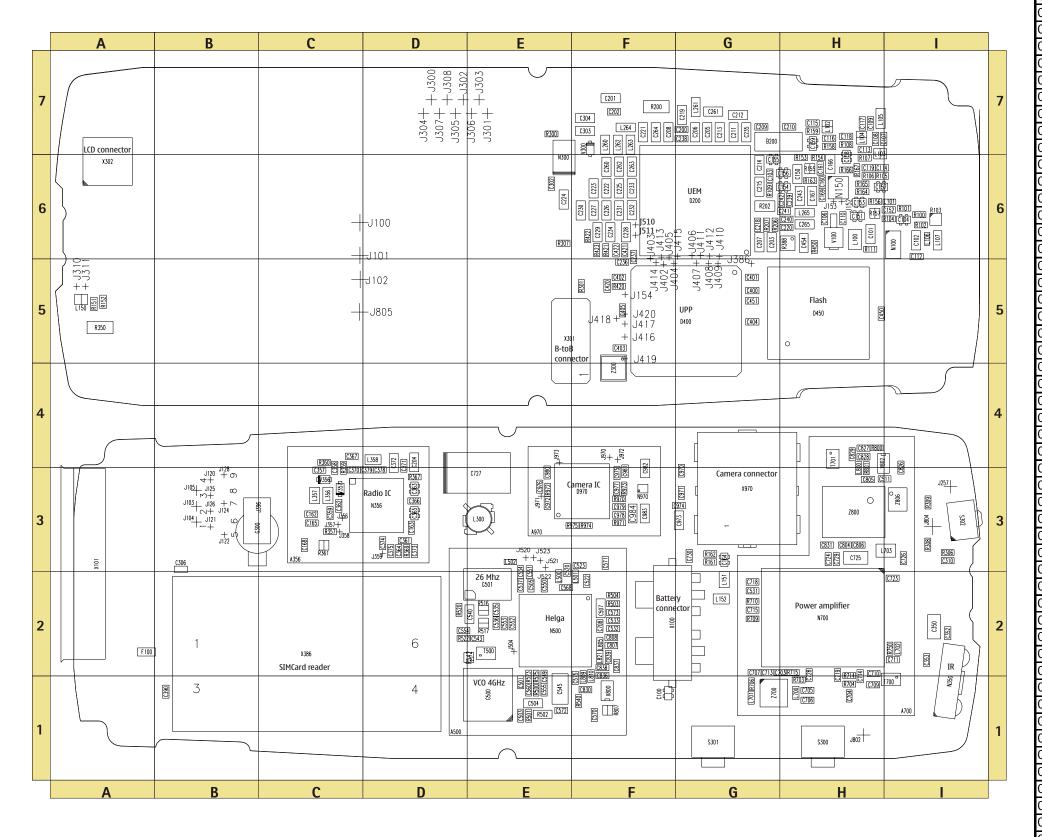








NOKIA	COMPANY CONFIDENTIAL	11(11)	
Customer Care Europe, Middle East & Africa	Componentfinder	Version 2.0 Approved	
SCCE Training Group	NHL-4j/NHL-4jx (7250/7250i)	(PCB) Version_tb3_10a	
© 2003 NMP Only for training and service purposes	09.07.2003		



В	C224 - E6	C454 - H6	C828 - H4	J357 - C3	L700 - H1	R421 - F6
B200 - G7	C225 - F6	C501 - E1	C829 - H4	J358 - C3	L701 - G1	R422 - F6
С	C226 - F6	C503 - E1	C830 - F1	J359 - D3	L702 - I3	R423 - F6
C100 - F1	C227 - F6	C504 - E1	C831 - H3	J386 - G5	L703 - I3	R450 - H6
C101 - H6	C228 - F6	C505 - E2	C836 - F2	J402 - F5	L800 - H3	R500 - E1
C102 - I6	C229 - F6	C507 - F2	C837 - F2	J403 - F6	L805 - F2	R501 - E1
C103 - G6	C230 - F6	C511 - I3	C838 - F2	J404 - F5	L809 - F2	R502 - E1
C104 - I6	C231 - F6	C520 - E3	C839 - F2	J405 - F6	L810 - F2	R503 - F2
C106 - H6	C232 - F6	C522 - F3	C970 - G3	J406 - G6	L821 - F2	R504 - F2
C107 - H7	C233 - F6	C523 - F3	C971 - G3	J407 - G5	N	R516 - E2
C108 - H7	C234 - F6	C531 - G2	C972 - E3	J408 - G5	N100 - I6	R517 - E2
C109 - H7	C235 - G7	C532 - F2	C973 - G3	J409 - G5	N150 - H6	R520 - D2
C110 - H6	C236 - F5	C533 - F2	C974 - G3	J410 - G6	N300 - E6	R522 - D2
C112 - I6	C237 - F6	C534 - E2	C975 - F3	J411 - G6	N350 - I1	R523 - E2
C113 - H7	C238 - G7	C535 - E2	C976 - E3	J412 - G6	N356 - D3	R525 - E2
C114 - H6	C239 - H6	C536 - E2	C977 - F3	J413 - F6	N500 - E2	R540 - F1
C115 - H7	C240 - H6	C537 - E2	C978 - F3	J414 - F5	N700 - H2	R542 - E2
C116 - H7	C241 - H6	C540 - E2	C979 - F3	J415 - G6	N970 - F3	R703 - H1
C117 - H7	C242 - H6	C543 - E2	C980 - E3	J416 - F5	R	R704 - H1
C118 - H7	C243 - H6	C545 - E1	C981 - F3	J417 - F5	R100 - I6	R706 - G1
C119 - H6	C243 - 116 C260 - F6	C549 - E2	C982 - F3	J417 - F5	R101 - I6	R709 - G2
C150 - H6	C260 - 10	C550 - E2	C982 - F3	J419 - F5	R101 - 16	R710 - G2
C151 - H6	C262 - F6	C550 - E2	C984 - F3	J420 - F5	R103 - I6	R714 - H2
C151 - 116	C262 - F6	C552 - E2	D	J509 - E4	R104 - I6	R715 - H2
C152 - 10 C153 - H6	C264 - F7	C552 - E2	D200 - G6	J510 - E2	R105 - H6	R750 - I2
C154 - H6	C265 - H6	C554 - D2	D400 - G5	J510 - L2 J511 - D2	R106 - H6	R800 - H4
C155 - G6	C302 - E2	C555 - E1	D450 - H5	J512 - D2	R108 - H7	R801 - G3
C156 - H6	C302 - L2 C303 - F1	C560 - E1	D970 - F3	J520 - E3	R109 - G6	R807 - F1
C150 - H6	C304 - F1	C568 - E2	F	J520 - E3 J521 - E3	R111 - H6	R970- F3
C157 - 116 C158 - H7	C310 - I3	C570 - F1	F100 - A2	J521 - E3 J522 - E3	R151 - A5	R970-13
C150 - H7	C350 - I2	C570 - F1	G	J522 - E3 J523 - E3	R151 - A5	R971 - F3
C160 - H6	C350 - 12	C571 - 13 C572 - E1	_	J802 - H1	R152 - A5	R972 - L3
C160 - H6	C352 - 12 C353 - 12	C572 - E1	G300 - B3 G500 - E1	J802 - H1 J804 - I3		R974 - F3
C162 - C3	C353 - 12 C357 - C3	C575 - F2	G500 - E1	J805 - C5	R154 - H6 R155 - H6	R974 - F3
C162 - C3 C163 - D3	C357 - C3 C358 - C4		J			S S
C163 - D3	C359 - C3	C703 - H2	J100 - C6	J970 - F4 J971 - E3	R150 - H6	S300 - H1
			J100 - C6 J101 - C6	J971 - E3 J972 - F4		
C165 - C3 C166 - H6	C361 - D3 C362 - C3	C705 - H1 C706 - H1	J101 - C6 J102 - C5		R158 - H7 R159 - H7	S301 - G1 S302 - I3
				J973 - E4		
C167 - H6	C363 - D3	C707 - G2	J103 - B3	Laco	R161 - G3	Troo Fo
C168 - C3	C364 - D3	C708 - F2	J104 - B3	L100 - H6	R162 - G3	T500 - E2
C169 - H6	C365 - D3	C709 - H1	J105 - B3	L101 - I6	R163 - H6	T700 - I1
C200 - G7	C366 - D3	C710 - H2	J120 - B3	L102 - H7	R164 - H6	T701 - H4
C201 - F7	C367 - C4	C711 - I2	J121 - B3	L103 - I6	R165 - H6	V100 IIC
C202 - F7	C370 - C3	C714 H1	J122 - B3	L104 - H7	R166 - H6	V100 - H6
C203 - G6	C371 - D4	C714 - H1	J124 - B3	L105 - H7	R167 - H6	V366 C2
C204 - D4	C372 - D4	C715 - G2	J125 - B3	L106 - 16	R200 - F7	V356 - C3
C205 - G7	C373 - D3 C374 - D3	C718 - G2	J128 - B3	L107 - I6	R202 - G6	V357 - C3
C206 - G7 C207 - G6		C719 - H2	J152 - H6 J153 - H6	L150 - A5	R206 - G6 R207 - G6	V800 - F1 V802 - H4
C207 - G6 C208 - F7	C375 - D3 C378 - D3	C723 - I2 C724 - H3	J153 - H6 J154 - F5	L151 - G3 L152 - G3	R300 - E7	X X
C209 - G7 C210 - H7	C379 - D3 C390 - B1	C725 - H3 C726 - I3	J257 - I3 J300 - D7	L260 - F7 L261 - G7		X100 - F2 X101 - A3
C211 - G7	C400 - G5 C401 - G5	C727 - E3	J301 - E7	L262 - F7		X301 - E5
C212 - G7		C728 - H3	J302 - D7	L263 - F7		X302 - A6
C213 - G7	C402 - F5	C729 - H2	J303 - E7	L264 - F7		X386 - C2
C214 - G6	C403 - F5	C730 - G3	J304 - D7	L265 - H6	R350 - A5	X970 - G3
C215 - G6	C404 - G5	C804 - H3	J305 - D7	L300 - E3	R357 - C3	Z
C218 - G6	C405 - F5	C805 - H3	J306 - E7	L356 - C3	R359 - C4	Z300 - F5
C219 - G7	C420 - F5	C806 - H3	J307 - D7	L357 - C3	R360 - C4	Z700 - H4
C220 - H6 C221 - F7	C421 - F6	C807 - F2	J308 - D7	L358 - D3		Z800 - H2
	C422 - F6	C808 - F2	J310 - A5	L500 - E2	R369 - D3	Z806 - H1
		COOC IO	1211 ^ -	LEO1 FO	D200 110	
C222 - F6 C223 - F6	C450 - I5 C451 - G5	C826 - I3 C827 - H4	J311 - A5 J356 - C3	L501 - F2 L502- E3	R388 - H6 R420 - F5	